OK TO ENTER: /C.M./ 08/20/2009

Patent Application Serial No. 10/597,454 Attorney Docket No. MIKI0003

I. AMENDMENTS TO THE SPECIFICATION:

Kindly amend the Substitute Specification filed on January 14, 2009 as follows:

1. Kindly replace Table 13 on page 69 with the following new Table 13 as follows:

Г	_			Т	Т	Т	Т	Т	7	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	_	Т	Т
		Fatigue Strength	(N/mm ²)			253	258	254																		254
		Elongation				44	45	44		4.2	77	30						50	3							43
-	5	Strength	(N/mm²)			245	268	256		219		236						206								266
		Strength	(N/mm²)			532	535	523		492		498						485								530
		Cutting main stress (N)	160m/ min														133				127	118	118	117	116	114
	Machinability	Cutting	80m/ mim														122				115	111	110	110	109	108
	Machina	Cutting type	160m/ min			0	0	0	0				0				⊲				0	0	0	0	0	0
		Cuttir	80m/ min			0	0	0	0				0				0				0	0	0	0	0	0
[Average	Diameter	(mrl)	85	40	25	15	25	30	55	06	40	25	20	65	80	45	65	70	30	20	20	20	20	20	20
Copper	Alloy	E	DAY.	ø	ď	A	A	A	ď	ď	4	Ą	Ą	A	ĸ	ø	ď	ď	ď	Ą	ď	ď	ď	Ą	Æ	A
Co	'F	QN.	2	1	2	3	4	ın	9	7	œ	6	10	11	12	_	14	15	16	17	18	19	20	21	22	23

[Table 13]

2. Kindly replace Table 14 on page 70 with the following new Table 14 as follows:

	Fatigue Strength	(N/mm²)												262				304					252			
	Fat	ž												2				3					2			
	Elongation (%)				38									40	34		13	30		33			34			32
	Yield Strength	(N/mm²)			251									272	260		256	302		256			261			288
	Tensile Strength	(N/ mm / N)			522									528	520		443	642		554			525			612
	Cutting main stress (N)	160m/	min	112	109	124	123	119	115	124	118	122	119		127	129							123	116		
bility	Cutting	80m/	min	106	104	115	114	111	109	114	110	113	111		116	117							114	111		
Machinability	Cutting type	160m/	min	©	0	0	0	0	0	0	0	0	@		0	0		◁		⊲			0	0		
	Cuttir	/m08	min	0	•	0	0	0	0	0	0	0	0		0	0		0		0			0	0		
Average	Grain Diameter	(mii)	, mad 1	20	20	4.5	45	45	45	40	40	35	25	15	20	20	20	25	45	30	09	20	20	20	15	15
Copper		- Vpe		A	æ	Ą	Æ	A	K	A	Ą	ď	A	Æ	A	Ą	Ą	Ą	A	Ą	Ą	Ą	Ą	Æ	Ą	Æ
Cop	Š	2		24	22	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46

[Table 14]

3. Kindly replace Table 15 on page 71 with the following new Table 15 as follows:

	Fatigue Strength	(N/mm²)		336																							T
	Elongation F			17	15	14	19	16	15	30	32	34	33	28	27	32	40		33		32			23	:		
	Yield Strength	(N/mm²)		640	655	599	613	632	651	234	262	278	250	203	245	257	252		250		255			250			
:	Strength	(_WW_/NI)		720	735	698	705	715	730	501	524	534	515	468	546	526	522		521		525			521			
	Cutting main stress (N)	80m/ 160m/	min	128	128		134	117	129																		
bility	Cuttir	/m08	min	115	116		119	110	117																		
Machinability	Cutting type	160m/	min	0	0		0	0	0																		
	Cuttin	80m/	uin	0	0		0	0	0																		
Average	Diameter	(mii)	/ mad .	15	15	150	25	15	15	35	20	15	25	80	80	15	25	25	15	15	20	15	20	15	20	7.0	20
Copper Alloy		547		щ	щ	щ	В	æ	В	U	υ	υ	υ	υ	υ	υ	Ü	۵	υ	D	D	S	D	D	υ	υ	υ
2,4	Ş	-		47	48	49	20	51	52	23	24			_		59		61	62	63	64	65	99	67	89	69	70

[Table 15]

4. Kindly replace Table 16 on page 72 with the following new Table 16 as follows:

Г		t ie			T	Τ	Γ	T	Τ	Τ	Τ	Τ	Τ	Γ	T	T	T		T		Τ	Τ	Τ	T	T
		Fatigue	(N/mm/,																			272			
		Elongation (%)		3.4	32	33	34	36	26			33	28									26		27	38
	,	Strength	(IN/mm/)	235	289	285	240	254	235			256	248									276		245	284
	E	Strength	(N/ IIIIII)	488	528	523	514	516	522			520	518									598		477	536
		Cutting main stress (N)	160m/ min										116	113								124	126		
17.17.1	Macninability	Cutting stress	80m/ mim										109	107								116	117		
	Macnin	Cutting type	160m/ min										0	0		⊲		0			0	0	0		
		Cuttin	80m/ min										0	0		0		0			0	0	0		
Jan Can Can	Average	Diameter	(urrl)	30	20	22	30	20	80	15	20	25	25	25	25	30	20	30	65	55	20	30	30	50	15
per	Alloy	900	247-	υ	υ	U	Д	Ω	Д	D	Д	ы	я	ы	ы	M	ы	я	ы	ы	ы	E	ы	F	Ü
g	A1	Ş		7.1	72	73	74	75	16	77	78		80	E E	82	_	84	82	98	87	88	89	90	91	92

[Table 16]

5. Kindly replace Table 17 on page 73 with the following new Table 17 as follows:

	igue	mm,	25	4 4	1,6												Ī								I
	Str	È 		1																					
	Elongation (%)		36	34	32												25	21	i i	9				23	25
	Yield Strength	(N/mm²)	170	174	188												95	94	558	572				184	178
:	Tensile Strength	(IN/mm/)	435	433	440												296	282	650	684				418	394
	ig main	160m/ min					203	152	142	201	212			178	226		110	121	147	142					
bility	Cuttir	80m/ min					175	130	122	173	179			135	205		66	110	128	126					
Machina	lg type	160m/ min		⊲		⊲	×	×	×	×	×			×	×		0	0	⊲	⊲					
	Cuttin	80m/ min		0		0	×	0	0	×	×			⊲	×		•	0	⊲	0					
Average	Diameter	(mrl)	1500	009	. 220	350	100	400	009	009	300	400	1200	200	250	200	1000	1200	450	350	300	1000	20	009	200
per	- L	24.5	A1	Al	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	Ā	Al	B1	BI	CI	CJ	CJ	CJ	CI
9.4	Š		201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223
	Machinability	Poper Average Machinability Grain Gutting type Cutting main Strength Strength Strength (%)	Average Machinability Grain	Average Machinability Cutting main Tensile Yield Elongation	20y Grain Average Machinability Tensile Yield Elongation Tensile Tens	20y Grain Machinability Tensile Yield Elongation Ciral	20y 20 20 20 20 20 20 20	Dept. Average Machinability Catal Ca	Part Average Machinability Carain Cara	Continue Partial Par	Per Average Machinability Catal Cata	Parage Machinability Carain Car	Per Average Machinability Catain Catai	Per Average Machinability Catal Cata	Part Average Machinability Catain Cata	Per Average Machinability Catain Catai	Part Part	Per Average Machinability Catal Cata	10y 10y	10y Crain Puerage Puerage	10y	10y Crain Puerage Pachinability Puerage Pue	10y Crain Puerage Puerinability Puerage Pu	10y	100 100

Table 17

6. Kindly replace Table 18 on page 74 with the following new Table 18 as follows:

	eit	gth (²)					T	Ī	Ī	Γ	Γ	Ī			Ī	Γ	
	Fatio	Strength (N/mm ²)															
		Elongation (%)			30	22	22		24			25	26		25	39	
		Yield Strength	(_ww_/w)		194	166	80		170			174	188		162	165	
		Strength	(IN) IIIII		441	412	232		426			430	438		408	387	
		Cutting main stress (N)	80m/ 160m/	min												101	
	Machinability		/m08	min												9,6	
	Machina	Cutting type	160m/	min				×			×	0				•	
		Cuttin	/m08	min				×			×	⊲				•	
	Average	Grain Diameter	(mrl)		400	2000	1200	90	1500	800	200	400	350	350	2500	25	
ν,	Copper Alloy	É	2 7 7		CJ	DI	D1	E1	E1	E1	E1	13	E3	囧	FI	GJ	
Table 18	Col	٤	2		224	225	226	227	228	229	230	231	232	233	234	235	